

## 510 (k) Summary

### 1. Submitter Information

Company name	TaiDoc Technology Corporation
Contact person	Teling Hsu
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Date Prepared	May 31 <sup>st</sup> , 2010

### 2. Name of Device

Trade/Proprietary Name	U-RIGHT TD-4279A Blood Glucose Monitoring System, U-RIGHT TD-4279B Blood Glucose Monitoring System, U-RIGHT TD-4279A MULTI Blood Glucose Monitoring System, U-RIGHT TD-4279B MULTI Blood Glucose Monitoring System, FORA GD40a/TD-4272A Blood Glucose Monitoring System, FORA GD40b/TD-4272B Blood Glucose Monitoring System, FORA Wisdom GD40a/TD-4272A Blood Glucose Monitoring System and FORA Wisdom GD40b/TD-4272B Blood Glucose Monitoring System
Common Names	Blood glucose test system
Product Code	NBW, LFR
Classification Panel	Clinical Chemistry (75)
Regulations	Class II 21 CFR 862.1345

### 3. Predicate Device

Trade/Proprietary Name:	FORA G31 Blood Glucose Monitoring System (Model TD-4256)
Common/Usual Name:	Blood glucose test system
Submitter	TaiDoc Technology Corporation
510 (k) Number	K094005

### 4. Device Description

The U-RIGHT TD-4279 A/B Blood Glucose Monitoring Systems and FORA GD40a/b Blood Glucose Monitoring Systems consist of three main products: the meter, test strips and control solutions. These products have been designed, tested, and proven to work together as a system to produce accurate blood glucose test results. Use only U-RIGHT TD-4279 A/B test strips and FORA GD40a/b test strips for the U-RIGHT TD-4279 A/B Blood Glucose Monitoring Systems and FORA GD40a/b Blood Glucose Monitoring Systems, and use with FORA control solutions to perform quality checks.

The blood glucose detection method and measurement is by an electrochemical biosensor technology using FAD-dependent glucose dehydrogenase (FAD-GDH).

### 5. Intended Use

#### **For single use**

#### **U-RIGHT TD-4279A Blood Glucose Monitoring System**

The U-Right TD-4279A Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips. This blood glucose monitoring system is intended to be used by a single person and should not be shared.

The U-Right TD-4279A Blood Glucose Monitoring System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system should not be used for the diagnosis of or screening for diabetes, nor for neonatal use.

The U-Right TD-4279 A Test Strips are for use with the U-Right TD-4279A Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.

#### **U-RIGHT TD-4279B Blood Glucose Monitoring System**

The U-Right TD-4279B Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips. This blood glucose monitoring system is intended to be used by a single person and should not be shared.

The U-Right TD-4279B Blood Glucose Monitoring System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system should not be used for the diagnosis of or screening for diabetes, nor for neonatal use.

The U-Right TD-4279B Test Strips are for use with the U-Right TD-4279B Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.

#### **FORA GD40a/TD-4272A Blood Glucose Monitoring System**

The FORA GD40a /TD-4272A Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips. This blood glucose monitoring system is intended to be used by a single person and should not be shared.

The FORA GD40a / TD-4272A Blood Glucose Monitoring System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system should not be used for the diagnosis of or screening for diabetes, nor for neonatal use.

The FORA GD40a /TD-4272A Test Strips are for use with the FORA GD40a / TD-4272A Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.

#### **FORA GD40b/TD-4272B Blood Glucose Monitoring System**

The FORA GD40b / TD-4272B Blood Glucose Monitoring System is intended to be used

for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips. This blood glucose monitoring system is intended to be used by a single person and should not be shared.

The FORA GD40b / TD-4272B Blood Glucose Monitoring System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system should not be used for the diagnosis of or screening for diabetes, nor for neonatal use.

The FORA GD40b / TD-4272B Test Strips are for use with the FORA GD40b / TD-4272B Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.

#### **For multiple patient use**

#### **U-RIGHT TD-4279A MULTI Blood Glucose Monitoring System**

The U-Right TD-4279A MULTI Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose in venous whole blood or fresh capillary whole blood from the fingertip. Testing is done outside the body (In Vitro diagnostic use). This system is intended for multiple-patient use in professional healthcare settings as an aid to monitor the effectiveness of diabetes control. The system is only used with single-use lancing devices. This system is not to be used on neonates, nor for the diagnosis of, or screening for diabetes mellitus.

The U-Right TD-4279A MULTI Test Strips are for use with the U-Right TD-4279A MULTI Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary and venous whole blood samples drawn from the fingertips.

#### **U-RIGHT TD-4279B MULTI Blood Glucose Monitoring System**

The U-Right TD-4279B MULTI Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose in venous whole blood or fresh capillary whole blood from the fingertip. Testing is done outside the body (In Vitro diagnostic use). This system is intended for multiple-patient use in professional healthcare settings as an aid to monitor the effectiveness of diabetes control. The system is only used with

single-use lancing devices. This system is not to be used on neonates, nor for the diagnosis of, or screening for diabetes mellitus.

The U-Right TD-4279B MULTI Test Strips are for use with the U-Right TD-4279B MULTI Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary and venous whole blood samples drawn from the fingertips.

### **FORA Wisdom GD40a/TD-4272A Blood Glucose Monitoring System**

The FORA Wisdom GD40a /TD-4272A Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose in venous whole blood or fresh capillary whole blood from the fingertip. Testing is done outside the body (In Vitro diagnostic use). This system is intended for multiple-patient use in professional healthcare settings as an aid to monitor the effectiveness of diabetes control. The system is only used with single-use lancing devices. This system is not to be used on neonates, nor for the diagnosis of, or screening for diabetes mellitus.

The FORA Wisdom GD40a / TD-4272A Test Strips are for use with the FORA Wisdom GD40a / TD-4272A Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary and venous whole blood samples drawn from the fingertips.

### **FORA Wisdom GD40b/TD-4272B Blood Glucose Monitoring System**

The FORA Wisdom GD40b / TD-4272B Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose in venous whole blood or fresh capillary whole blood from the fingertip. Testing is done outside the body (In Vitro diagnostic use). This system is intended for multiple-patient use in professional healthcare settings as an aid to monitor the effectiveness of diabetes control. The system is only used with single-use lancing devices. This system is not to be used on neonates; nor for the diagnosis of, or screening for diabetes mellitus.

The FORA Wisdom GD40b / TD-4272B Test Strips are for use with the FORA Wisdom GD40b / TD-4272B Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary and venous whole blood samples drawn from the fingertips.

## **6. Comparison to Predicate Device**

The U-RIGHT TD-4279 A/B Blood Glucose Monitoring Systems and FORA GD40a/b

Blood Glucose Monitoring Systems are substantially equivalent to the predicate device FORA G31 Blood Glucose Monitoring System (K094005).

#### 7. Performance Studies

The laboratory and clinical studies for the system performance of U-RIGHT TD-4279 A/B Blood Glucose Monitoring Systems and FORA GD40a/b Blood Glucose Monitoring Systems demonstrated the meters and test strips works well as a system.

#### 8. Conclusion

The U-RIGHT TD-4279 A/B Blood Glucose Monitoring Systems and FORA GD40a/b Blood Glucose Monitoring Systems demonstrate satisfactory performance and meet its intended use. The U-RIGHT TD-4279 A/B Blood Glucose Monitoring Systems and FORA GD40a/b Blood Glucose Monitoring Systems are substantially equivalent to the predicate devices.



Food and Drug Administration  
10903 New Hampshire Avenue  
Silver Spring, MD 20993

Taidoc Technology Corporation  
c/o Teling Hsu  
3f,5f, No.127 Wugong 2nd Rd,  
Wugu Township, Taipei County, Taiwan 24888

**JUN 27 2011**

Re: k101509

Trade Name: U-RIGHT TD-4279A Blood Glucose Monitoring System  
U-RIGHT TD-4279B Blood Glucose Monitoring System  
U-RIGHT TD-4279A MULTI Blood Glucose Monitoring System  
U-RIGHT TD-4279B MULTI Blood Glucose Monitoring System  
FORA GD40a/TD-4272a Blood Glucose Monitoring System  
FORA GD40b/TD-4272b Blood Glucose Monitoring System  
FORA Wisdom GD40a/TD-4272a Blood Glucose Monitoring System  
FORA Wisdom GD40b/TD-4272b Blood Glucose Monitoring System

Regulation Number: 21 CFR § 862.1345

Regulation Name: Glucose test system

Regulatory Class: Class II

Product Codes: NBW, LFR

Dated: May 31, 2011

Received: June 22, 2011

Dear Ms. Hsu,

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in Title 21, Code of Federal Regulations (CFR), Parts 800 to 895. In addition, FDA may publish further announcements concerning your device in the Federal Register.

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If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of *In Vitro* Diagnostic Device Evaluation and Safety at (301) 796-5450. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding postmarket surveillance, please contact CDRH's Office of Surveillance and Biometric's (OSB's) Division of Postmarket Surveillance at (301) 796-5760. For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or ( 301 ) 796-5680 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,



Courtney C. Harper, Ph.D.  
Director  
Division of Chemistry and Toxicology  
Office of *In Vitro* Diagnostic Device  
Evaluation and Safety  
Center for Devices and Radiological Health

Enclosure



## Indications for Use

510(k) Number (if known): **k101509**

Device Name: **U-RIGHT TD-4279A Blood Glucose Monitoring System**

### Indications For Use:

The U-Right TD-4279A Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips. This blood glucose monitoring system is intended to be used by a single person and should not be shared.

The U-Right TD-4279A Blood Glucose Monitoring System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system should not be used for the diagnosis of or screening for diabetes, nor for neonatal use.

The U-Right TD-4279 A Test Strips are for use with the U-Right TD-4279A Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.

Prescription Use \_\_\_\_\_  
(21 CFR Part 801 Subpart D)

And/Or

Over the Counter Use   ✓    
(21 CFR Part 801 Subpart C)

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Carol C. Benson  
Division Sign-Off  
Office of In Vitro Diagnostic Device  
Evaluation and Safety

510(k) k101509

## Indications for Use

510(k) Number (if known): **k101509**

Device Name: **U-RIGHT TD-4279B Blood Glucose Monitoring System**

### Indications For Use:

The U-Right TD-4279B Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips. This blood glucose monitoring system is intended to be used by a single person and should not be shared.

The U-Right TD-4279B Blood Glucose Monitoring System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system should not be used for the diagnosis of or screening for diabetes, nor for neonatal use.

The U-Right TD-4279B Test Strips are for use with the U-Right TD-4279B Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.

Prescription Use \_\_\_\_\_  
(21 CFR Part 801 Subpart D)

And/Or

Over the Counter Use   ✓    
(21 CFR Part 801 Subpart C)

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## Indications for Use

510(k) Number (if known): **k101509**

Device Name:

Indications For Use: **FORA GD40a/TD-4272A Blood Glucose Monitoring System**

The FORA GD40a/TD-4272A Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips. This blood glucose monitoring system is intended to be used by a single person and should not be shared.

The FORA GD40a/TD-4272A Blood Glucose Monitoring System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system should not be used for the diagnosis of or screening for diabetes, nor for neonatal use.

The FORA GD40a/TD-4272A Test Strips are for use with the FORA GD40a / TD-4272A Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.


Prescription Use \_\_\_\_\_  
(21 CFR Part 801 Subpart D)

And/Or

Over the Counter Use   ✓    
(21 CFR Part 801 Subpart C)

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510(k) k101509

## Indications for Use

510(k) Number (if known): **k101509**

Device Name: **FORA GD40b/TD-4272B Blood Glucose Monitoring System**

### Indications For Use:

The FORA GD40b/TD-4272B Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips. This blood glucose monitoring system is intended to be used by a single person and should not be shared.

The FORA GD40b/TD-4272B Blood Glucose Monitoring System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system should not be used for the diagnosis of or screening for diabetes, nor for neonatal use.

The FORA GD40b/TD-4272B Test Strips are for use with the FORA GD40b/TD-4272B Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.

Prescription Use \_\_\_\_\_  
(21 CFR Part 801 Subpart D)


And/Or

Over the Counter Use   ✓    
(21 CFR Part 801 Subpart C)

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510(k) K101509

## Indications for Use

510(k) Number (if known): **k101509**

Device Name: **U-RIGHT TD-4279A MULTI Blood Glucose Monitoring System**

### Indications For Use:

The U-Right TD-4279A MULTI Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose in venous whole blood or fresh capillary whole blood from the fingertip. Testing is done outside the body (In Vitro diagnostic use). This system is intended for multiple-patient use in professional healthcare settings as an aid to monitor the effectiveness of diabetes control. The system is only used with single-use lancing devices. This system is not to be used on neonates, nor for the diagnosis of, or screening for diabetes mellitus.

The U-Right TD-4279A MULTI Test Strips are for use with the U-Right TD-4279A MULTI Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary and venous whole blood samples drawn from the fingertips.

Prescription Use   ✓    
(21 CFR Part 801 Subpart D)

And/Or

Over the Counter Use   ✓    
(21 CFR Part 801 Subpart C)

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510(k) k101509

## Indications for Use

510(k) Number (if known): **k101509**

Device Name: **U-RIGHT TD-4279B MULTI Blood Glucose Monitoring System**

### Indications For Use:

The U-Right TD-4279B MULTI Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose in venous whole blood or fresh capillary whole blood from the fingertip. Testing is done outside the body (In Vitro diagnostic use). This system is intended for multiple-patient use in professional healthcare settings as an aid to monitor the effectiveness of diabetes control. The system is only used with single-use lancing devices. This system is not to be used on neonates, nor for the diagnosis of, or screening for diabetes mellitus.

The U-Right TD-4279B MULTI Test Strips are for use with the U-Right TD-4279B MULTI Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary and venous whole blood samples drawn from the fingertips.

Prescription Use   √    
(21 CFR Part 801 Subpart D)

And/Or

Over the Counter Use   √    
(21 CFR Part 801 Subpart C)

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## Indications for Use

510(k) Number (if known): **k101509**

Device Name: **FORA Wisdom GD40a/TD-4272A Blood Glucose Monitoring System**

### Indications For Use:

The FORA Wisdom GD40a/TD-4272A Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose in venous whole blood or fresh capillary whole blood from the fingertip. Testing is done outside the body (In Vitro diagnostic use). This system is intended for multiple-patient use in professional healthcare settings as an aid to monitor the effectiveness of diabetes control. The system is only used with single-use lancing devices. This system is not to be used on neonates, nor for the diagnosis of, or screening for diabetes mellitus.

The FORA Wisdom GD40a /TD-4272A Test Strips are for use with the FORA Wisdom GD40a / TD-4272A Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary and venous whole blood samples drawn from the fingertips.

Prescription Use   ✓    
(21 CFR Part 801 Subpart D)

And/Or

Over the Counter Use   ✓    
(21 CFR Part 801 Subpart C)

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## Indications for Use

510(k) Number (if known): **k101509**

Device Name: **FORA Wisdom GD40b/TD-4272B Blood Glucose Monitoring System**

### Indications For Use:

The FORA Wisdom GD40b/TD-4272B Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose in venous whole blood or fresh capillary whole blood from the fingertip. Testing is done outside the body (In Vitro diagnostic use). This system is intended for multiple-patient use in professional healthcare settings as an aid to monitor the effectiveness of diabetes control. The system is only used with single-use lancing devices. This system is not to be used on neonates, nor for the diagnosis of, or screening for diabetes mellitus.

The FORA Wisdom GD40b/TD-4272B Test Strips are for use with the FORA Wisdom GD40b/TD-4272B Blood Glucose Meters to quantitatively measure glucose (sugar) in fresh capillary and venous whole blood samples drawn from the fingertips.

Prescription Use   ✓    
(21 CFR Part 801 Subpart D)

And/Or

Over the Counter Use   ✓    
(21 CFR Part 801 Subpart C)

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